

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2005/000142

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B01J 20/24, C09K 3/32  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B01J, C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0023184 A1 (MANNER, D., LEE), 27 April 2000 (27.04.2000), page 2, line 31 - page 6, line 21, claims 1,5,8-10,16 --	1-8
A	US 5795842 A (TORE SUNDQUIST), 18 August 1998 (18.08.1998), column 1, line 10 - line 64, abstract --	1-8
A	US 3617565 A (HANS ERIK FAHLVIK), 2 November 1971 (02.11.1971), column 1, line 4 - line 63, claim 1, abstract --	1-8

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

3 May 2005

Date of mailing of the international search report

13-05-2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CH 669205 A5 (ANTON SCHMALZ), 28 February 1989 (28.02.1989), column 1, line 1 - column 2, line 29, abstract  --	1-8
A	DE 4011400 A1 (BCT AG), 28 February 1991 (28.02.1991), claims 1-5, abstract  ---	1-8
A	EP 0681015 A1 (SCHMALZ, ANTON), 8 November 1995 (08.11.1995), claim 1  --	1-8
A	EP 0414382 A1 (RAIBLE, ROBERT L.), 27 February 1991 (27.02.1991), page 2, line 13 - line 20  --	1-8
A	GB 2298876 A (GOTHAM & BATESON (AGRICULTURE) LIMITED), 18 Sept 1996 (18.09.1996), page 25, line 1 - line 5; page 30, line 14 - line 17, abstract  -- -----	1-8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

01/04/2005

International application No.

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WO	0023184	A1	27/04/2000	AT	237396	T	15/05/2003
				AU	5845499	A	08/05/2000
				CA	2250339	A	15/04/2000
				DE	69907006	D,T	29/04/2004
				EP	1121197	A,B	08/08/2001
				US	20020162637	A	07/11/2002
				US	20050023714	A	03/02/2005

US	5795842	A	18/08/1998	AT	170103	T	15/09/1998
				AU	677503	B	24/04/1997
				AU	1546795	A	08/08/1995
				CA	2181071	A	27/07/1995
				CN	1043963	B,C	07/07/1999
				CN	1138835	A	25/12/1996
				DE	69504302	D	00/00/0000
				EP	0740582	A,B	06/11/1996
				SE	0740582	T3	
				FI	962914	A	19/07/1996
				JP	9508060	T	19/08/1997
				NO	179604	B,C	05/08/1996
				NO	940192	A	20/07/1995
				RU	2115468	C	20/07/1998
				WO	9519842	A	27/07/1995

US	3617565	A	02/11/1971	BE	715702	A	16/10/1968
				DE	1769461	A,B	12/08/1971
				FI	47915	B	02/01/1974
				FR	1569477	A	30/05/1969
				GB	1210690	A	28/10/1970
				NL	155521	B	16/01/1978
				NL	6807446	A	27/11/1968
				NO	120879	B	14/12/1970
				SE	322735	B	13/04/1970

CH	669205	A5	28/02/1989	NONE
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DE	4011400	A1	28/02/1991	CH	679998	A	29/05/1992
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EP	0681015	A1	08/11/1995	NONE
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EP	0414382	A1	27/02/1991	US	4925343	A	15/05/1990
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GB	2298876	A	18/09/1996	GB	9505327	D	00/00/0000
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